

Converting Colors

Decimal(13516)

Have a look what the booklet for
Decimal(13516) contains.

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Color

Decimal(13516)

Conversions

Conversions Part 1

Format	Color
Hex	0034CC
RGB	0, 52, 204
RGB Percent	0%, 20%, 80%
CMY	1.0000, 0.7961, 0.2000
CMYK	1.00, 0.75, 0.00, 0.20
HSL	225°, 100%, 40%
HSV	225°, 100%, 80%
XYZ	12.1271, 6.8156, 57.8031
YIQ	53.7800, -79.7840, 36.2480

Conversions

Conversions Part 2

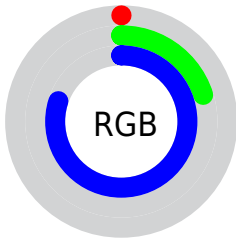
Format	Color
RYB	0, 41, 204
Decimal	13516
CIELab	31.38, 47.48, -80.25
CIELCh	31, 93.239, 300.610
Yxy	6.8156, 0.1580, 0.0888
Android (android.graphics.Color)	4278203596 (0xFF0034CC)
YUV	53.7800, 74.0585, -47.1651
Hunter-Lab	26.1067, 37.2299, -112.9997

Details

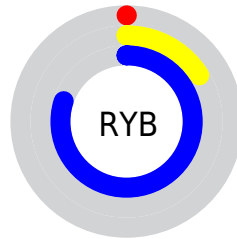
The Decimal color **13516** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **13408256**, and the grayscale version is **3487029**.

A 20% lighter version of the original color is **6776063**, and **2708** is the 20% darker color. If you saturate the color by 10%, you get **13516**, and if you desaturate by 10%, it is **1328076**.

Distribution



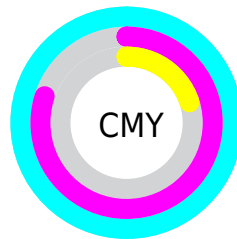
- Red (0%)
- Green (20%)
- Blue (80%)



- Red (0%)
- Yellow (16%)
- Blue (80%)



- Cyan (100%)
- Magenta (75%)
- Yellow (0%)
- Black (20%)




















- Cyan (100%)
- Magenta (80%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13516 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 13516 by changing the saturation by 10% instead.

 13516	 13516
 16777215	 7856
 6776063	 2708
 8945151	 122
 10983423	 1888
 13021951	 2119
 15060735	 1071
 16771839	 282
	 0

 13516

■ 1328076

■ 2708172

■ 4022988

■ 5403084

■ 6717644

■ 8032204

■ 9412300

■ 10727116

■ 12107212

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



22498



13516



10158227

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



13516



9444864



25162

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



13516



13408256

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



24320



13516



5916928

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



13516



11862018



22784



25492

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



13516



11993188



22784



24879

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



13516



11781887



52374



5397888



0



8421504

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



13516



16895



3145932



6053478



10918



2598

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



13369396



16711745



10275840



6708318



10879018



2490378

Previews

White Background



This preview shows how the Decimal color 13516 looks on a white background.

Color Contrast Check

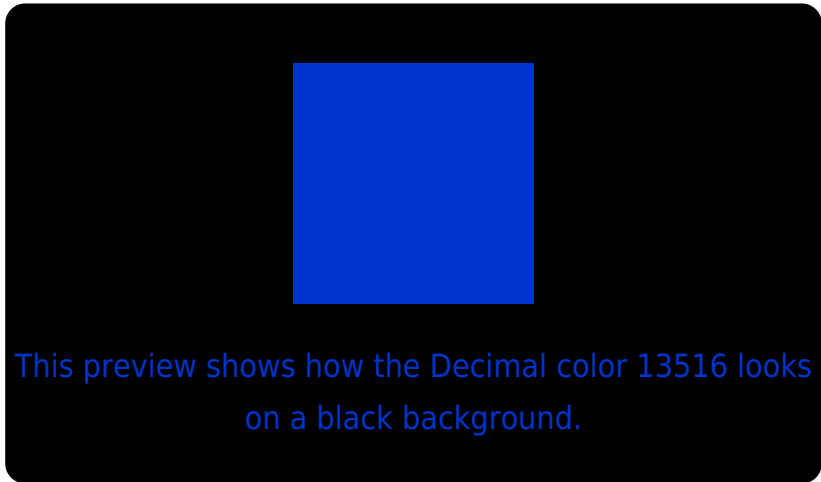
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

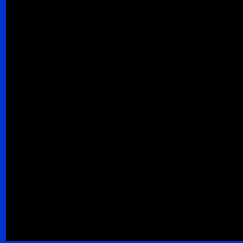
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 13516 Background



This preview shows how black text looks on a background with the Decimal color 13516.



This preview shows how white text looks on a background with the Decimal color 13516.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Trichromacy



Original Color
13516

Protanomaly
16554

Deuteranomaly
17308

Tritanomaly
18305

Monochromacy



Original Color
13516

Achromatopsia
3552822

Achromatomaly
2241901

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13516 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #0034CC looks like.

```
.text, #text, p{  
  color:#0034CC  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #0034CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0034CC  
}
```

Border

The CSS property to change the border of an element to Decimal 13516 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#0034CC }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#0034CC }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #0034CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0034CC; -webkit-box-shadow:4px 4px  
4px 4px #0034CC; box-shadow:4px 4px 4px  
4px #0034CC }
```

Background

The CSS property to change the background color of an element to Decimal 13516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0034CC }
```

If only the background color should be changed can be used:

```
.background{ background-color:#0034CC }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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